

FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.36547CC3

SERIAL NO.

10/614,802

APPLICANT

A. YAMAMOTO, et al

FILING DATE

July 9, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 5 4 4 3 4 7	8/96	Yanai et al			
GJP	5 6 8 0 6 4 0	10/97	Ofek et al	710	19	
GJP	5 6 9 2 1 5 5	11/97	Isklyan et al	711	162	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
GJP	0 4 2 9 1 6 1 8	10/92	Japan			XX	
GJP	0 9 2 1 2 4 2 5	08/97	Japan			XX	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *GARY J. PORTKA*

DATE CONSIDERED *4/11/06*

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(Form PTO-1449 [6-4])

7/9/03

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1448A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	Rule 53(b) of 10/139,248
		Filing Date	July 9, 2003
		First Named Inventor	YAMAMOTO, AKIRA
		Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 1	of 2	Attorney Docket Number	500.36547CC3

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
GJP	↑	US- 6,044,444		03/2000	Olek	711
		US- 5,949,970		08/1999	Sipple et al.	714
		US- 5,870,537		02/1999	Kern et al.	714
		US- 5,845,328		12/1998	Maya et al.	711
		US- 5,789,141		08/1998	Galipeau et al.	714
GJP	↓	US- 5,644,347		08/1998	Yenal et al.	711
		US- 5,257,352		10/1993	Yamamoto et al.	711
		US-				
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CLASS/SUB
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136

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)			
GJP		EP	0 672 865A1	09/1995		
GJP		EP	0 671 688A1	09/1995		
GJP		JP A	9-325817	12/1997		

Examiner Signature	GARY J. PORTKA	Date Considered	11/28/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	Rule 53(b) of 10/139,248		
		Filing Date	July 9, 2003		
		First Named Inventor	YAMAMOTO, AKIRA		
		Group Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	2	of	2	Attorney Docket Number	500.36547CC3

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published	T ²
GJP		"IBM 3990/9390 Storage Control Introduction", 9 th Edition, IBM Corporation, October 1996, pp. 23-26 and 78-89.	

Examiner Signature	GARY J. PORTKA	Date Considered	11/21/05
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GROUP

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
													YES

DATE CONSIDERED 11/21/05

(Form PTO-1449 [6-4])

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GJP	5 7 3 4 8 1 8	3/98	Kern et al	714	20	

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GJP	9 7 2 1 1 7 7	6/97	PCT			
GJP	0 9 0 0 6 6 6 3	1/97	Japan			XX

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